Listing of the Pending Claims and Their Status:

1. **(cancelled)**

2. **(cancelled)**

3. **(cancelled)**

4. **(cancelled)**

5. **(cancelled)**

6. **(cancelled)**

7. **(currently amended)** ~~**The**~~ A partitioned database system **comprising:** ~~**of claim 2, wherein**~~

a plurality of storage facilities, each storage facility including data representing a plurality of table rows;

wherein table rows in each storage facility that correspond to a specific table are logically ordered according to a row identifier (row ID);

the row ID comprises a first value based on one or more columns of the table and a second value based on one or more columns of the table;

the first value of the row ID is predominate in determining the order of the rows in the storage facilities and the second value determines the order of those rows with identical first values;

the row ID further comprises a third value and the third value determines the order of rows with identical first and second values; and

the third value is a uniqueness number that differentiates rows having equal first and second values.

8. **(cancelled)**

9. **(currently amended)** ~~**The**~~ A partitioned database system **comprising:** ~~**of claim 1, wherein**~~

a plurality of storage facilities, each storage facility including data representing a plurality of table rows;

wherein table rows in each storage facility that correspond to a specific table are logically ordered according to a row identifier (row ID);

the row ID comprises a first value based on one or more columns of the table and a second value based on one or more columns of the table;

the first value of the row ID is predominate in determining the order of the rows in the storage facilities and the second value determines the order of those rows with identical first values; and

the first value of the row ID corresponds to ranges of values in a column.

10. (original) The partitioned database system of claim 9, wherein the ranges of values in a column are ranges of dates.

11. (currently amended) ~~The~~ A partitioned database system comprising: ~~of claim 1, wherein~~

a plurality of storage facilities, each storage facility including data representing a plurality of table rows;

wherein table rows in each storage facility that correspond to a specific table are logically ordered according to a row identifier (row ID);

the row ID comprises a first value based on one or more columns of the table and a second value based on one or more columns of the table;

the first value of the row ID is predominate in determining the order of the rows in the storage facilities and the second value determines the order of those rows with identical first values; and

the first value of the row ID corresponds to ranges of values derived from at least one column.

12. (cancelled)

13. (currently amended) ~~The~~ A partitioned database system comprising: ~~of claim 1, wherein~~

a plurality of storage facilities, each storage facility including data representing a plurality of table rows;

wherein table rows in each storage facility that correspond to a specific table are logically ordered according to a row identifier (row ID);

the row ID comprises a first value based on one or more columns of the table and a second value based on one or more columns of the table;

the first value of the row ID is predominate in determining the order of the rows in the storage facilities and the second value determines the order of those rows with identical first values; and

the second value is the result of applying a hash function to a value in at least one specified column.

14. (currently amended) ~~The~~ A partitioned database system comprising: ~~of claim 1, wherein~~

a plurality of storage facilities, each storage facility including data representing a plurality of table rows;

wherein table rows in each storage facility that correspond to a specific table are logically ordered according to a row identifier (row ID);

the row ID comprises a first value based on one or more columns of the table and a second value based on one or more columns of the table;

the first value of the row ID is predominate in determining the order of the rows in the storage facilities and the second value determines the order of those rows with identical first values; and

table rows are distributed among the plurality of storage facilities based on the second value.

15. **(cancelled)**
16. **(cancelled)**
17. **(cancelled)**
18. **(cancelled)**
19. **(cancelled)**
20. **(cancelled)**
21. **(cancelled)**
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23. **(cancelled)**
24. **(cancelled)**
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26. **(cancelled)**
27. **(cancelled)**
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29. **(cancelled)**
30. **(cancelled)**
31. **(cancelled)**
32. **(cancelled)**
33. **(cancelled)**
34. **(cancelled)**
35. **(cancelled)**
36. **(cancelled)**
37. **(cancelled)**

In the Claims:

Claims 1-13 (canceled)

Claim 14 (previously presented): A partitioned database system comprising:

a plurality of storage facilities, each storage facility including data representing a plurality of table rows;

wherein table rows in each storage facility that correspond to a specific table are logically ordered according to a row identifier (row ID);

the row ID comprises a first value based on one or more columns of the table and a second value based on one or more columns of the table;

the first value of the row ID is predominate in determining the order of the rows in the storage facilities and the second value determines the order of those rows with identical first values; and

table rows are distributed among the plurality of storage facilities based on the second value.

Claims 15-37 (canceled)

Claim 38 (new) The partitioned database system of claim 14, wherein:

the row ID further comprises a third value and the third value determines the order of rows with identical first and second values.

Claim 39 (new) The partitioned database system of claim 14, wherein:

the first value of the row ID corresponds to ranges of values in a column.

Claim 40 (new) The partitioned database system of claim 14, wherein:

the second value is the result of applying a hash function to a value in at least one specified column.